

WHAT IS CLAIMED:

1. A targeted elastic laminate material, comprising:

at least one low tension zone, the low tension zone including a plurality of elastomeric first filaments, the first filaments including a first elastomeric polymer;

at least one high tension zone, the high tension zone including a plurality of elastomeric second filaments, the second filaments including a second elastomeric polymer; and

a facing material bonded to at least a first side of the low tension zone and a first side of the high tension zone.

2. The targeted elastic laminate material of Claim 1, wherein the first filaments and the second filaments each comprise a base polymer selected from the group consisting of styrene-isoprene-styrene block copolymers, styrene-butadiene-styrene block copolymers, styrene-ethylene/butylene-styrene block copolymers, styrene-ethylene/propylene-styrene-ethylene/propylene tetrablock copolymers, styrene-ethylene/propylene-styrene block copolymers, polyurethanes, elastomeric polyamides, elastomeric polyesters, elastomeric polyolefin homopolymers and copolymers, atactic polypropylenes, ethylene vinyl acetate copolymers, single-site or metallocene catalyzed polyolefins having a density less than about 0.89 grams/cc, and combinations thereof.

3. The targeted elastic laminate material of Claim 2, wherein the first filaments and the second filaments comprise the same base polymer, in different percentage amounts.

4. The targeted elastic laminate material of Claim 2, wherein the first filaments comprise a first base polymer and the second filaments comprise a second base polymer different from the first base polymer.

5. The targeted elastic laminate material of Claim 3, wherein the second filaments comprise the base polymer and a processing aid.

6. The targeted elastic laminate material of Claim 3, wherein the first and second filaments comprise the base polymer and a processing aid, in different percentage amounts.

7. The targeted elastic laminate material of Claim 5, wherein the processing aid comprises a polyethylene wax.

8. The targeted elastic laminate material of Claim 1, wherein the high tension zone has an elastic tension at least 10% greater than the low tension zone.

9. The targeted elastic laminate material of Claim 1, wherein the high tension zone has an elastic tension at least 50% greater than the low tension zone.

10. The targeted elastic laminate material of Claim 1, wherein the high tension zone has an elastic tension about 100% to about 800% greater than the low tension zone.

11. The targeted elastic laminate material of Claim 1, wherein the high tension zone has an elastic tension about 125% to about 500% greater than the low tension zone.

12. The targeted elastic laminate material of Claim 1, wherein the high tension zone has an elastic tension about 200% to about 400% greater than the low tension zone.

13. The targeted elastic laminate material of Claim 1, wherein the high tension zone is formed by placing the second filaments among some of the first filaments.

14. The targeted elastic laminate material of Claim 1, wherein the high tension zone is formed by placing the second filaments in a separate, non-

overlapping region from the first filaments.

15. The targeted elastic laminate material of Claim 1, wherein the facing material comprises a material selected from a nonwoven web, a woven web and a film.

16. The targeted elastic laminate material of Claim 1, wherein the facing material comprises a spunbond material.

17. The targeted elastic laminate material of Claim 1, wherein the facing material comprises a meltblown continuous filament composite web.

18. The targeted elastic laminate material of Claim 1, further comprising a second facing material bonded to a second side of the low tension zone and a second side of the high tension zone.

19. The targeted elastic laminate material of Claim 1, wherein the low tension zone and the high tension zone are bonded to the facing material with an elastomeric adhesive.

20. A wound up roll of substantially uniform diameter comprising the material of Claim 1.

21. A garment comprising the targeted elastic laminate material of Claim 1.

22. A method of producing a targeted elastic laminate material, comprising the steps of:

extruding a plurality of elastomeric first filaments having a first elastomeric composition, from a first spinning system;

extruding a plurality of elastomeric second filaments having a second elastomeric composition, from a second spinning system;

cooling the first and second filaments;

stretching the first and second filaments;

forming a laminate material by adhering the stretched first and second filaments to a first facing material and an opposing second facing material; and

relaxing the laminate material.

23. The method of Claim 22, wherein the first spinning system comprises a first die having at least one spin plate region with a plurality of spinning holes.

24. The method of Claim 22, wherein the second spinning system comprises a second die having at least one spin plate region with a plurality of spinning holes.

25. The method of Claim 22, wherein the cooling step is accomplished by passing the first and the second filaments over a series of chill rolls.

26. The method of Claim 22, wherein the cooling step is accomplished by placing the first and second filaments on a foraminous belt and applying a vacuum through the belt.

27. The method of Claim 22, wherein the stretching step is accomplished by passing the first and second filaments over a series of stretch rolls.

28. The method of Claim 27, wherein the series of stretch rolls comprises a first stretch roll and a second stretch roll, the first stretch roll rotates at a first speed and the second stretch roll rotates at a second speed greater than the first speed.

29. The method of Claim 22, wherein the second spinning system further comprises a third die.

30. The method of Claim 22, wherein the first filaments define a lower tension zone and the second filaments define a higher tension zone.

31. The method of Claim 22, wherein the first and second filaments

are substantially continuous.

32. The method of Claim 22, wherein the first filaments comprise a first elastomer and the second filaments comprise a second elastomer different from the first elastomer.

33. The method of Claim 22, wherein the first filaments comprise a first elastomer blend and the second filaments comprise a second elastomer blend different from the first elastomer blend.

34. The method of Claim 22, wherein the first filaments comprise a first elastomer and the second filaments comprise a different percentage amount of first elastomer.

35. The method of Claim 22, wherein the second filaments form a high tension zone that overlaps at least a portion of a low tension zone formed by the first filaments.

36. The method of Claim 22, wherein the first filaments are cooled by passing the first filaments through a first series of chill rolls and the second filaments are cooled by passing the second filaments through a second series of chill rolls.

37. The method of Claim 36, wherein the first filaments are stretched by passing the first filaments through a first series of stretch rolls and the second filaments are stretched by passing the second filaments through a second series of stretch rolls.

38. The method of Claim 37, wherein the amount of stretching of the first and second filaments is independently controlled.

39. The method of Claim 22, wherein the first filaments are cooled by placing the first filaments on a foraminous belt and applying a vacuum through the belt, and the second filaments are cooled by passing the second filaments through a second series of chill rolls.

40. The method of Claim 39, wherein the first filaments are stretched by passing the first filaments through a first series of stretch rolls and the second filaments are stretched by passing the second filaments through a second series of stretch rolls.

41. The method of Claim 40, wherein the amount of stretching of the first and second filaments is independently controlled.

42. The method of Claim 22, wherein the first and second filaments



are stretched by about the same amount.

43. The method of Claim 22, wherein the first filaments are stretched by a different amount than the second filaments.

44. The method of Claim 22, wherein the first and second filaments are stretched by about 25% to about 800% of an initial length.

45. The method of Claim 22, wherein the first and second filaments are stretched by about 50% to about 700% of an initial length.

46. The method of Claim 22, further comprising the step of aligning the first filaments and the second filaments during the stretching step.

47. The method of Claim 22, wherein a barrier layer is positioned between the first facing material and the second facing material before the laminate material is bonded.

48. The method of Claim 22, wherein the second spinning system comprises a plurality of individually controllable spin plate regions.

49. The method of Claim 22, wherein the second spinning system

further comprises a third die having a spin plate region with a plurality of spinning holes.

50. A disposable garment comprising a targeted elastic laminate material, the targeted elastic laminate material comprising:

at least one low tension zone, the low tension zone having a plurality of first filaments made of a first elastomeric polymer composition;

at least one high tension zone, the high tension zone having a plurality of second filaments made of a second elastomeric polymer composition;

a facing material bonded to at least a first side of the low tension zone and a first side of the high tension zone.

51. The disposable garment of Claim 50, wherein the first and second filaments comprise substantially continuous filaments.

52. The disposable garment of Claim 50, comprising a diaper.

53. The disposable garment of Claim 50, comprising training pants.

54. The disposable garment of Claim 50, comprising swim wear.

55. The disposable garment of Claim 50, comprising absorbent

underpants.

56. The disposable garment of Claim 50, comprising a baby wipe.

57. The disposable garment of Claim 50, comprising an adult incontinence product.

58. The disposable garment of Claim 50, comprising a feminine hygiene product.

59. The disposable garment of Claim 50, comprising a protective garment.